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FORM PTO-1449 (Modified)		Attorney Docket No. 16930-000921	Serial No.: Not Assigned 02/958570
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: RICHARD J. GREGORY	
		Filing Date: Heath 10/28/97	Group: Not Assigned /636

Reference Designation		U.S. PATENT DOCUMENTS				
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
AA						
AB						
AC						
AD						
AE						
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AH						
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AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-class	Translation (yes/no)
AM	WO 94/24297	10/27/94	WIPO PCT	C12N 15	86	Yes
AN						
AO						
AP						
AQ						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Aiello et al., "Adenovirus 5 DNA Sequences Present and RNA Sequences Transcribed in Transformed Human Embryo Kidney Cells (HEK-Ad-5 or 293)," <u>Virology</u> 94:460-469 (1979)
AS	Aulitzky et al., "Recombinant Tumour Necrosis Factor Alpha administered Subcutaneously or Intramuscularly for Treatment of Advanced Malignant Disease: a Phase I Trial," <u>Eur. J. Cancer</u> 27(4):462-467 (1991)
AT	Austin et al., "A First Step in the Development of Gene Therapy for Colorectal Carcinoma: Cloning, Sequencing, and Expression of <i>Escherichia coli</i> Cytosine Deaminase," <u>Eur. J. Cancer</u> 27(4):462-467 (1991)

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<input checked="" type="checkbox"/> AU	Bacchetti et al., "Inhibition of cell proliferation by an adenovirus vector expressing the human wild type p53 protein," <u>Int. J. Oncology</u> 3:781-788 (1993)
<input checked="" type="checkbox"/> AV	Baker et al., "Suppression of Human Colorectal Carcinoma Cell Growth by Wild-Type p53," <u>Cancer Research</u> 50:912-915 (1990)
<input checked="" type="checkbox"/> AW	Bartek et al., "Aberrant expression of the p53 oncoprotein is a common feature of a wide spectrum of human malignancies," <u>Oncogene</u> 6:1699-1703 (1991)
<input checked="" type="checkbox"/> AX	Berkner et al., "Effect of the tripartite leader on synthesis of a non-viral protein in an adenovirus 5 recombinant," <u>Nucleic Acids Research</u> 13(3):841-857 (1985)
<input checked="" type="checkbox"/> AY	Boshart et al., "A Very Strong Enhancer is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus," <u>Cell</u> 41:521-530 (1985)
<input checked="" type="checkbox"/> AZ	Bressac et al., "Abnormal structure and expression of p53 gene in human hepatocellular carcinoma," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 87:1973-1977 (1990)
<input checked="" type="checkbox"/> BA	Caruso et al., "Regression of established macroscopic liver metastases after in situ transduction of a suicide gene," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 90:7024-7028 (1993)
<input checked="" type="checkbox"/> BB	Casey et al., <u>Oncogene</u> 6(10):1791-1797 (1991)
<input checked="" type="checkbox"/> BC	Challberg et al., <u>Proc. Natl. Acad. Sci. U.S.A.</u> 76:655-659
<input checked="" type="checkbox"/> BD	Chen et al., "Genetic Mechanisms of Tumor Suppression by the Human p53 Gene," <u>Science</u> 250:1576-1580 (1990)
<input checked="" type="checkbox"/> BE	Chen et al., "Expression of wild-type p53 in human A673 cells suppresses tumorigenicity but not growth rate," <u>Oncogene</u> 8:1799-1805 (1991) <i>RC 268.4, 048</i>
<input checked="" type="checkbox"/> BF	Cheng et al., "Suppression of Acute Lymphoblastic Leukemia by the Human Wild-Type p53 Gene," <u>Cancer Research</u> 52:222-226 (1992)
<input checked="" type="checkbox"/> BG	Colby et al., "Adenovirus Type 5 Virions Can be Assembled in Vivo in the Absence of Detectable Polypeptide IX," <u>Virology</u> 39:977-980 (1981)
<input checked="" type="checkbox"/> BH	Culver et al., "In Vivo Gene Transfer with Retroviral Vector-Producer Cells for Treatment of Experimental Brain Tumors," <u>Science</u> 256:1550-1552 (1992)
<input checked="" type="checkbox"/> BI	Culver et al., "Lymphocytes as a cellular vehicle for gene therapy in mouse and man," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 88:3155-3159 (1991)
<input checked="" type="checkbox"/> BJ	Demetri et al., "A Phase I Trial of Recombinant Human Tumor Necrosis Factor and Interferon-Gamma: Effects of Combination Cytokine Administration In Vivo," <u>J. Clin. Oncol.</u> 7(10):1545-1553
<input checked="" type="checkbox"/> BK	Diller et al., "p53 Functions as a Cell cycle Control Protein in Osteosarcomas," <u>Mol. Cell Biol.</u> 10:5772-5781 (1990)
<input checked="" type="checkbox"/> BL	El-Deiry et al., "WAF1, a Potential Mediator of p53 Tumor Suppression," <u>Cell</u> 75:817-825 (1993)

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<input checked="" type="checkbox"/> BM	Ezzidine et al., "Selective Killing of Glioma Cells in Culture and in Vivo by Retrovirus Transfer of the Herpes Simplex Virus Thymidine Kinase Gene," <u>The New Biologist</u> 3:608-614 (1991)
<input checked="" type="checkbox"/> BN	Feinstein et al., "Expression of the normal p53 gene induces differentiation of K562 cells," <u>Oncogene</u> 7;1853-1857 (1992)
<input checked="" type="checkbox"/> BO	Freeman et al., "The 'Bystander Effect': Tumor REgression When a Fraction of the Tumor Mass is Genetically Modified," <u>Cancer Res.</u> 53:5274-5283 (1993)
<input checked="" type="checkbox"/> BP	Ghosh-Choudhury et al., "Protein IX, a minor component of hte human adenovirus capsid, is essential for the packaging of full length genomes," <u>EMBO J.</u> 6:1733-1739 (1987) QH 506 E 5
<input checked="" type="checkbox"/> BQ	Gooding et al., "Molecular Mechanisms by which Adenoviruses counteract Antiviral Immune Defenses," <u>Crit. Rev. Immunol.</u> 10:53-71 (1990)
<input checked="" type="checkbox"/> BR	Graham et al., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA," <u>Virology</u> 52:456-467 (1973)
<input checked="" type="checkbox"/> BS	Graham and Prevec, <u>Vaccines: New Approaches to Immunological Problems</u> R.W. Ellis (ed.), Boston, Butterworth-Heinemann, 363-369 (1992)
<input checked="" type="checkbox"/> BT	Haj-Ahmad et al., "Development of a helper-independent human adenovirus vector and its use in the transfer of the herpes simplex virus thymidine kinase gene," <u>J. Virol.</u> 57(1):267-274 (1986)
<input checked="" type="checkbox"/> BU	Heuvel et al., "Association between the cellular p53 and the adenovirus 5 E1B-55kd proteins reduces the oncogenicity of Ad-transformed cells," <u>EMBO J.</u> 9:2621-2629 (1990)
<input checked="" type="checkbox"/> BV	Hock et al., "Mechanisms of rejection induced by tumor cell-targeted gene transfer of interleukin 2, interleukin 4, interleukin 7, tumor necrosis factor, or interferon γ," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 90:2774-2778 (1992)
<input checked="" type="checkbox"/> BW	Hollstein et al., "p53 Mutations in Human Cancers," <u>Science</u> 253:49-53 (1991)
<input checked="" type="checkbox"/> BX	Horwitz, "Adenoviridae and Their Replication," <u>Virology</u> B.V. Fields (ed.) New York, Raven Press, 1679-1721 (1990)
<input checked="" type="checkbox"/> BY	Horvath, et al., "Nonpermissivity of Human Peripheral Blood Lymphocytes to Adenovirus Type 2 Infection," <u>J. Virol.</u> 62:341-345 (1988)
<input checked="" type="checkbox"/> BZ	Huang et al., "A cellular protein that competes with SV40 T antigen for binding to the retinoblastoma gene product," <u>Nature</u> 350:160-162 (1991)
<input checked="" type="checkbox"/> CA	Huber et al., "Retroviral -mediated gene therapy for the treatment of hepatocellular carcinoma: An innovative approach for cancer therapy," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 88:8039-8043 (1991)
<input checked="" type="checkbox"/> CB	Hunter, "Braking the Cycle," <u>Cell</u> 75:839-841 (1993)
<input checked="" type="checkbox"/> CC	Jones et al., "Isolation of Adenovirus Type 5 Host Range Deletion Mutants Defective for Tranformation of Rat Embryo Cells," <u>Cell</u> 17:683-689 (1979)

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<input checked="" type="checkbox"/> CD	Kamb et al., "A Cell Cycle Regulator Potentially Involved in Genesis of Many tumor Types," <u>Science</u> 264:436-440 (1994)
<input checked="" type="checkbox"/> CE	Kuerbitz et al., "Wild-type p53 is a cell cycle checkpoint determinant following irradiation," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 89:7491-7495 (1992)
<input checked="" type="checkbox"/> CF	Landmann et al., "Prolonged Interferon- γ Application by Subcutaneous Infusion in Cancer Patients: Differential Response of Serum CD14, Neopterin, and Monocyte HLA Class I and II Antigens," <u>J. Interferon Res.</u> 12(2):103-111 (1992)
<input checked="" type="checkbox"/> CG	Lane, "p53, guardian of the genome," <u>Nature</u> 358:15-16 (1992)
<input checked="" type="checkbox"/> CH	Lee et al., "Human Retinoblastoma Susceptibility Gene: cloning, identification, and sequence," <u>Science</u> 235:1394-1399 (1987)
<input checked="" type="checkbox"/> CI	Lemaistre et al., "Therapeutic effects of genetically engineered toxin
<input checked="" type="checkbox"/> CJ	Lemarchand, P., "Adenovirus-mediated transfer of a recombinant human α_1 -antitrypsin cDNA to human endothelial cells," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 89:6482-6486 (1992)
<input checked="" type="checkbox"/> CK	Levine, A.J., "The Tumor Suppressor Genes," <u>Annu. Rev. Biochem.</u> 62:623-651 (1993)
<input checked="" type="checkbox"/> CL	Lowe et al., "p53 is required for radiation-induced apoptosis in mouse thymocytes," <u>Nature</u> 362:847-852 (1993)
<input checked="" type="checkbox"/> CM	Lowe et al., "p53-Dependent Apoptosis Modulates the Cytotoxicity of Anticancer Agents," <u>Cell</u> 74:957-967 (1993)
<input checked="" type="checkbox"/> CN	Mercer et al., "Negative growth regulation in a glioblastoma tumor cell that conditionally expresses human wild-type p53" <u>Proc. Natl. Acad. Sci. U.S.A.</u> 87:6166-6170 (1990)
<input checked="" type="checkbox"/> CO	Metzger et al., "Evidence for N-Acetoxy-N-2-acetylaminofluorene Induced Covalent-like Binding of Some Nonhistone Proteins to DNA in Chromatin," <u>Biochemistry</u> 18(4):655-659 (1979)
<input checked="" type="checkbox"/> CP	Moolten, F.C., "Tumor Chemosensitivity Conferred by Inserted Herpes Thymidine Kinase Genes: Paradigm for a Prospective Cancer Control Strategy," <u>Cancer Res.</u> 46:5276-5281 (1986)
<input checked="" type="checkbox"/> CQ	Nakabayashi et al., "Transcriptional Regulation of α -Fetoprotein Expression by Dexamethasone in Human Hepatoma Cells," <u>J. Biol. Chem.</u> 264:266-271 (1989)
<input checked="" type="checkbox"/> CR	Palmer et al., "Genetically modified skin fibroblasts persist long after transplantation but gradually inactivate introduced genes," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 88:1330-1334 (1991)
<input checked="" type="checkbox"/> CS	Rao et al., "The adenovirus E1A proteins induce apoptosis, which is inhibited by the E1B 19-kDa and Bcl-2 proteins," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 89:7742-7746 (1992)
<input checked="" type="checkbox"/> CT	Ravoet et al., "Non-Surgical Treatment of Hepatocarcinoma," <u>J. Surg. Oncol. Supp.</u> 3:104-111 (1993)

* Incomplete citation .

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<input checked="" type="checkbox"/> CU	Rich et al., "Development and Analysis of Recombinant Adenoviruses for Gene Therapy of cystic Fibrosis," <u>Human Gene Therapy</u> 4:461-476 (1993)
<input checked="" type="checkbox"/> CV	Rosenfeld et al., "In Vivo Transfer of the Human Cystic Fibrosis Transmembrane Conductance Regulator Gene to the Airway Epithelium," <u>Cell</u> 68:143-155 (1992)
<input checked="" type="checkbox"/> CW	Sarnow et al., "Adenovirus E1b-58kd Tumor Antigen and SV40 Large Tumor Antigen Are Physically Associated with the Same 54 kd Cellular Protein in Transformed cells," <u>Cell</u> 28:387-394 (1982)
<input checked="" type="checkbox"/> CX	Shaw et al., "Induction of apoptosis by wild-type p53 in a human colon tumor-derived cell line," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 89:4495-4499 (1992)
<input checked="" type="checkbox"/> CY	Siegfried, W. "Perspectives in Gene Therapy with Recombinant Adenoviruses," <u>Exp. Clin. Endocrinol.</u> 101:7-11 (1993)
<input checked="" type="checkbox"/> CZ	Smith, R.R. et al., "Studies of the use of viruses in the treatment of carcinoma of the cervix," <u>Cancer</u> 9(6):1211-1218 (1956)
<input checked="" type="checkbox"/> DA	Sorscher et al., "Tumor cell bystander killing in colonic carcinoma utilizing the Escherichia coli DeoD gene to generate toxic purines," <u>Gene Therapy</u> 1:233-238
<input checked="" type="checkbox"/> DB	Spector, D.J., "The Pattern of Integration of Viral DNA Sequences in the Adenovirus 5-Transformed Human Cell Line 293," <u>Virology</u> 130:533-538 (1983)
<input checked="" type="checkbox"/> DC	Stewart et al., "Difference imaging of adenovirus: bridging the resolution gap between X-ray crystallography and electron microscopy," <u>EMBO J.</u> 12:2589-2599 (1993)
<input checked="" type="checkbox"/> DD	Supersaxo et al., <u>Pharm. Res.</u> 5(8):472-476 (1988)
<input checked="" type="checkbox"/> DE	Straus, S.E., "Adenovirus infections in humans," <u>The Adenoviruses</u> H.S. Ginsberg, ed., Plenum Press, New York pp. 451-496 (1984)
<input checked="" type="checkbox"/> DF	Takahashi et al., "p53: A Frequent Target for Genetic Abnormalities in Lung Cancer," <u>Science</u> 246:491-494 (1989)
<input checked="" type="checkbox"/> DG	Takahashi et al., "Wild-type but not Mutant p53 Suppresses the Growth of Human Lung Cancer Cells Bearing Multiple Genetic lesions," <u>Cancer Res.</u> 52:2340-2343 (1992)
<input checked="" type="checkbox"/> DH	Thimmappaya et al., "Adenovirus VAI RNA Is Required for Efficient Translation of Viral mRNAs at Late Times after Infection," <u>Cell</u> 31:543-551 (1982)
<input checked="" type="checkbox"/> DI	Wang et al., "Quantitation of mRNA by the polymerase chain reaction," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 86:9717-9721 (1989)
<input checked="" type="checkbox"/> DJ	Watanabe et al., "Cell-specific Enhancer Activity in a Far Upstream Region of the Human α -Fetoprotein Gene," <u>J. Biol. Chem.</u> 262:4812-4818 (1987)
<input checked="" type="checkbox"/> DK	White et al., "The 19-Kilodalton Adenovirus E1B Transforming Protein Inhibits Programmed Cell Death and Prevents Cytolysis by Tumor Necrosis Factor α ," <u>Mol. Cell. Biol.</u> 12:2570-2580 (1992)

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<input checked="" type="checkbox"/> DL	Wills, K.N. et al., "Adenovirus vectors for gene therapy of cancer," <u>Genetically Targeted Research & Therapeutics: Antisense & Gene Therapy Abstract S216</u> , April 12-18, 1993
<input checked="" type="checkbox"/> DM	Wills et al., <u>Human Gene Therapy</u> 5:1079-1088 (1994)
<input checked="" type="checkbox"/> DN	Winnacker, E.L., "From Genes to Clones," pp. 342-343, VCH Publishers, NY
<input checked="" type="checkbox"/> DO	Yonish-Rouach et al., "Wild-type p53 induces apoptosis of myeloid leukaemic cells that is inhibited by interleukin-6," <u>Nature</u> 352:345-347 (1991)
<input checked="" type="checkbox"/> DP	Zhang, W.W. et al., "High-efficiency gene transfer and high-level expression of wild-type p53 in human lung cancer cells mediated by recombinant adenovirus," <u>Canc. Gene Ther.</u> 1(1):5-13 (1994)

EXAMINER

Daniel Mygo

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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